

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 57-123183

(43)Date of publication of application : 31.07.1982

(51)Int.Cl.

C07D487/04  
// A61K 31/415  
A61K 31/415  
A61K 31/44

(21)Application number : 56-009484

(71)Applicant : YOSHITOMI PHARMACEUT IND LTD

(22)Date of filing : 24.01.1981

(72)Inventor : TAWARA TETSUJI

## (54) PYRROLOIMIDAZOLE DERIVATIVE AND ITS PREPARATION

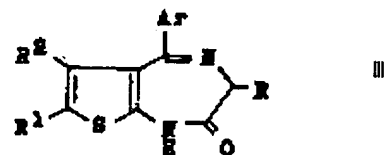
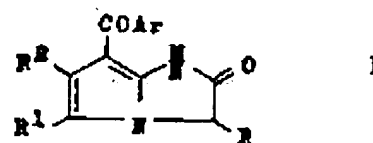
## (57)Abstract:

NEW MATERIAL: A compound of formula I (R is H or lower alkyl; R<sup>1</sup> and R<sup>2</sup> are H, lower alkyl, halogen, etc.; Ar is phenyl or pyridyl which may have a substituent group).

EXAMPLE: 7-(o-Chlorobenzoyl)-5-ethyl-1H-pyrrolo [1,2-a]imidazole-2(3H)-one.

USE: An anti-inflammatory and analgesic agent, antithrombotic agent and an intermediate therefor having anti-inflammatory analgesic and inhibitory action on blood platelet aggregation.

PROCESS: A compound of formula II is subjected to the desulfurizing ring closing reaction in the presence of a basic catalyst to give the compound of formula I. The reaction is carried out in an inert solvent, e.g. pyridine, picoline or benzene, in the presence of a strongly basic catalyst, e.g. Li, Na, K, sodium hydride or lithium hydride, in a molar amount of 0.1W3 times that of the compound of formula II under heating. The compound of formula III which is a by-product will not be formed at all.



## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

BEST AVAILABLE COPY

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office

**BEST AVAILABLE COPY**